

Substitute for form 1449B/PTO

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT
IN AN APPLICATION**

LISTING OF REFERENCES

07/24/08

(Use several sheets if necessary)

ATTORNEY DOCKET NO.
3558.1000-001

APPLICATION NO.
10/825,082

FIRST NAMED INVENTOR
Dino J. Farina

FILING DATE
April 14, 2004

EXAMINER
G. J. Gissel

CONFIRMATION NO.
7176

GROUP
2856

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	A3	4,004,550	01/25/1977	White, et al.
	A4	3,275,744	09/27/1966	V.E. Dietrich
	A5	4,628,465	12/09/1986	Ito, <i>et al.</i>
	A6	6,618,127	09/09/2003	Yang, et al.
	A7	6,665,421 B1	12/16/2003	Farina
	A8	6,029,600	02/29/2000	Davis
	A9	4,984,158	01/08/1991	Hillsman
	A10	5,284,133	02/08/1994	Burns, et al.
	A11	6,785,400	08/31/2004	Farina
	A12	6,973,199	12/06/2005	Farina
	A13	2005/077369 A1	04/14/2005	Farina, et al.
	A14	2004/0258278 A1	12/23/2004	Farina
	A15	2006/0102808 A1	05/18/2006	Farina, et al.
	A16	5,785,048	07/28/1998	Koerner

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	EXAMINER G. J. Gissel	CONFIRMATION NO. 7176	GROUP 2856

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
	B1	JP 52 063750 A	05/26/1977	Yoshino Kogyosho Co. LTD	X	
	B2	WO 02/100468 A	12-19-2002	Glaxo Group Ltd		
	B3	WO 92/07600 A	05-14-1992	Minnesota Mining & Mfg		
	B4					
	B5					
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	B8					
	B9					
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
C2	Bennett, J. S., "An investigation of particle size measurement using non-intrusive optical techniques in a gas turbine combustor," M.S. Thesis Naval Postgraduate School, Monterey, CA, 1 pg. (abstract) (09/1985).
C3	Cohen, J. M. and Rosfjord, T. J., "Spray patterning at high pressure," American Institute of Aeronautics and Astronautics, Inc., pg. 1 (1989).
C4	Feikema, D. A., "Optical measurements in rocket engine liquid sprays," In Alabama Univ., Research Reports: 1994 NASA/ASEE Summer Faculty Fellowship Program 6 p (SEE N95-18967 05-80), 1 pg. (abstract) (10/1994).
C5	Sassi, G., et al., "Vision system for combustion and diagnosis in gas turbines," Proc. SPIE Vol. 2506, Air Pollution and Visibility Measurements, Fabian, P., et al., Eds., 1 pg. (abstract) (09/1995).
C6	Institute for Liquid Atomization and Spray Systems – North and South America Newsletter #19 – April 1995, Edwards, C. F., Ed., pp. 1-5.
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C9	The Fifth Conference of ILASS-ASIA Figs. 1 – 11, 4 pp.
C10	Deljouravesh, R., "An Optical Patternator for Quantitative and On-Line Spray Diagnostics," thesis submitted to the Department of Mechanical Engineering, Queen's University, Kingston, Ontario, Canada, 86 pp. (October 1997).
C11	Chung, I. P., et al., "Characterization of a Spray from an Ultrasonically Modulated Nozzle," Atomization and Sprays Journal of the International Institutes for Liquid Atomization and Spray Systems, Vol. 7, 2 pp. (1997)
C12	Sellens, R., "Optical Patterning in Sprays," 2 pp.
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C14	Eck, C. R., et al., "Plume Geometry and Particle Size Measurements as a Product Development Tool," Respiratory Drug Delivery VI:291-295 (1998).
C15	"Updates on Optical Diagnosis of Fuel Spray Patterns," 2 pp. (1999). http://www.nasatech.com/Briefs/DEC99/LEW16882.html
C16	Locke, R. J., et al. "Non-Intrusive Laser-Induced Imaging for Speciation and Patterning in High Pressure Gas Turbine Combustors," prepared for the Optical Diagnostics for Fluids, Heat, Combustions, and Phtomechanics of Solids sponsored by the International Society for Optical Engineering, Denver, Colorado, 9 pp. (July 18-23, 1999).
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
C18	Locke, R. J., et al., "Optical Diagnosis of High-Pressure Liquid Fuel Sprays," 2 pp., http://www.nasatech.com/Briefs/Mar99/LEW16701.html	
C19	Locke, R. J., et al., "Nonintrusive Laser-Induced Imaging for Speciation and Patternation in High-Pressure Gas Turbine Combustors," Proc. SPIE. Vol. 3783, 1 pg. (1999).	
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C21	"Optical Patternator for Rapid Characterization of Sprays," Aerometrics, Inc., 12 pp.	
C22	Stein, S. W., et al., "Using a New Spray Pattern Analyzer to Evaluate Nasal Pump Spray Patterns," Respiratory Drug Delivery, VIII:319-322 (2002).	
C23	Murphy, S. D., et al., "Advances in Research and Development of Respiratory Drug Delivery Devices Using High Speed Imaging Systems," Respiratory Drug Delivery, VIII:533-536 (2002).	
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C25	Farina, D. J., "Building a Low-Cost Thermal Imaging System," Sensors Magazine Online:2-5 (1998).	
C26	Krarup, H. G., et al., "The Malvern Spraytec Applied to Pharmaceutical Spray Analysis," Respiratory Drug Delivery, VIII:505-508 (2002).	
C27	Murphy, S. D., et al., "Non-Invasive Imaging System Implementing Regulatory Guidelines for the Characterization of the Physical Properties of MDIs," Respiratory Drug Delivery, IX:597-599 (2004).	
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C30	Evans, R., "Spray Pattern and Plume Geometry," 1-14.	
C31	Constant, M., "A Practical Method for Characterizing Poured Beer Foam Quality," The American Society of Brewing Chemists, Inc., 50(2):37-47, (1991).	
C32	Ullom, M. J and Sojka, P. E., "A Simple Optical Patternator for Evaluating Spray Symmetry," Review of Scientific Instruments, 72(5), 1 p (2001).	
C33	Sellens, R. W. and Wang, G., "Advances in Optical Patternation for Sprays, With Applications," Eighth International Conference on Liquid Atomization and Spray Systems, 7 pp. (2000).	
C34	Minnich, M. G., et al., "Spatial Aerosol Characteristics of a Direct Injection High Efficiency Nebulizer Via Optical Patternation," Spectrochimica Acta Part B, 56:1113-1126 (2001).	
C35	Berg, T., et al., "Spray Imaging Systems for Quantitative Spray Analysis," ILASS-Europe, 3 pp (2001).	

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C36	Dhand, R., et al., "High Speed Photographic Analysis of Aerosols Produced by Metered Dose Inhalers," J. Pharm. Pharmacol., 40:429-430, (1988).	
C37	Dunbar, C.A., et al., "An Experimental Investigation of the Spray Issued from a pMDI Using Laser Diagnostic Techniques," Journal of Aerosol Medicine, 10(4):351-368, (1997).	
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C39	"Guidance for Industry - Bioavailability and Bioequivalence Studies for Nasal Aerosols and Nasal Sprays for Local Action" (Draft Guidance), pp. 1-36, FDA, June 1999.	
C40	"Guidance for Industry - Metered Dose Inhaler (MDI) and Dry Powder Inhaler (DPI) Drug Product" (Draft Guidance), FDA, pp. 1-62, October 1998.	
C41	"Guidance for Industry - Nasal Spray and Inhalation Solution, Suspension, and Spray Drug Products" (Draft Guidance), FDA, pp. 1-43, May 1999.	

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